

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
 Data File : BF094944.D
 Acq On : 6 May 2017 5:52
 Operator : SJ/MA
 Sample : PB98586BL
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BL

Quant Time: May 08 01:41:37 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	97514	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	403025	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	193324	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	347017	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	263439	20.00	ng	-0.01
86) Perylene-d12	20.31	264	187399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	764152	130.65	ng	0.00
7) Phenol-d6	7.27	99	962042	137.09	ng	-0.01
23) Nitrobenzene-d5	8.62	82	567134	88.74	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	217081	137.11	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	1155499	86.03	ng	-0.01
78) Terphenyl-d14	17.30	244	934301	78.12	ng	-0.01

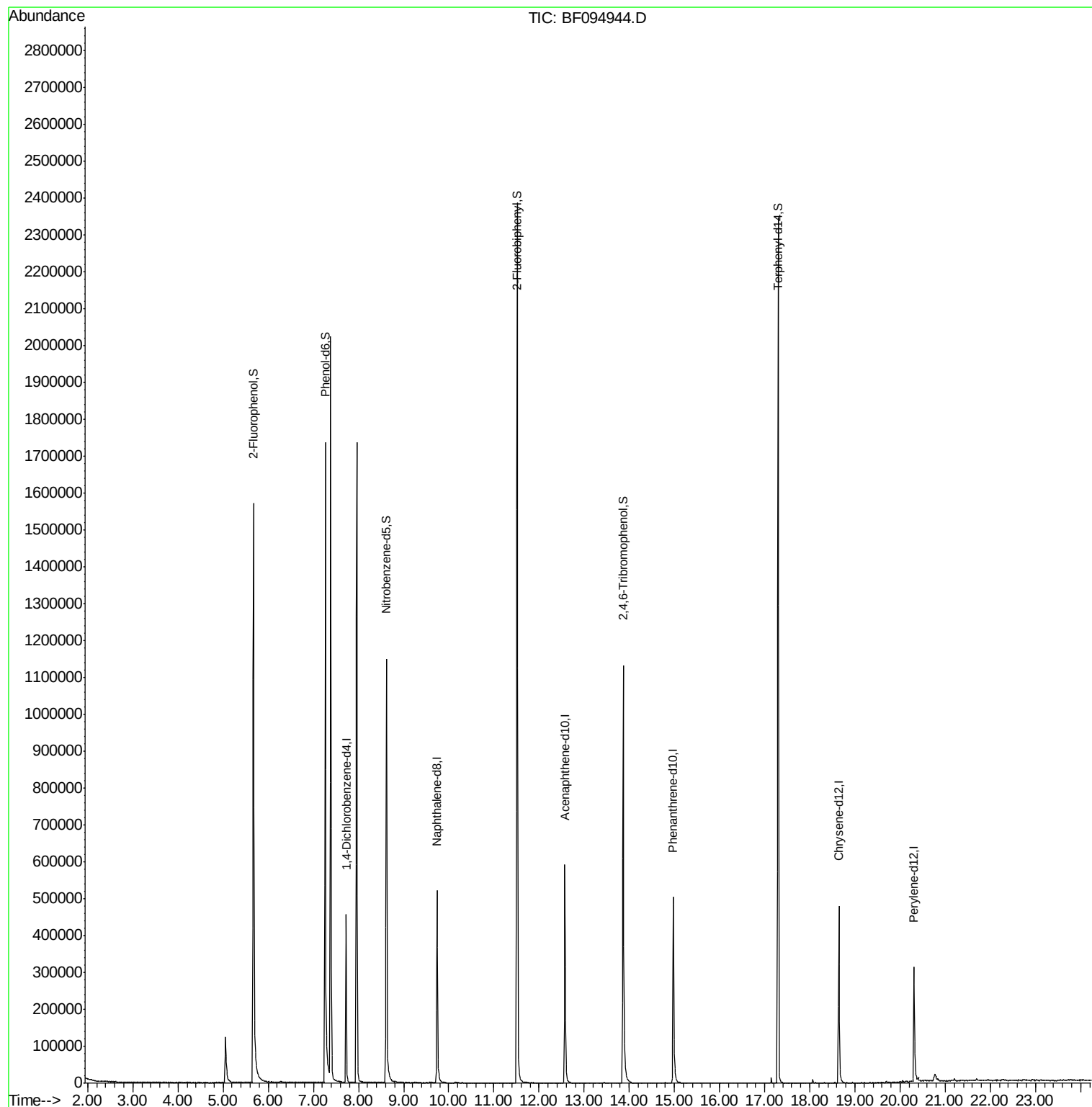
Target Compounds	Qvalue
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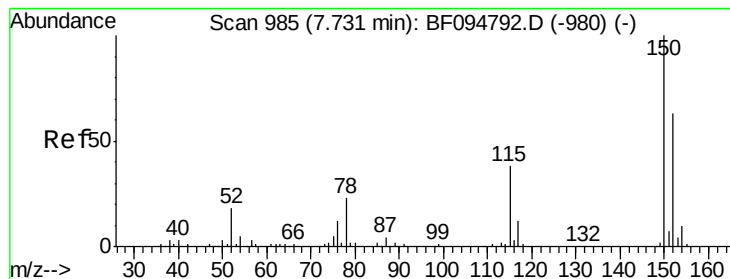
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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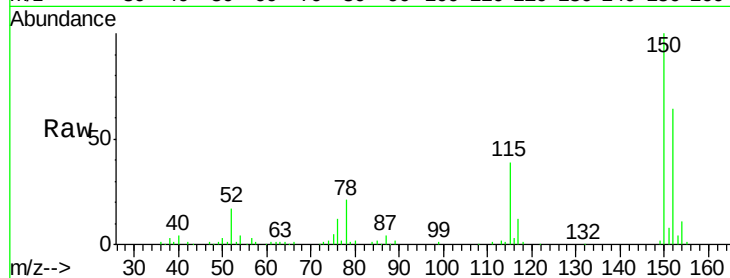


#1

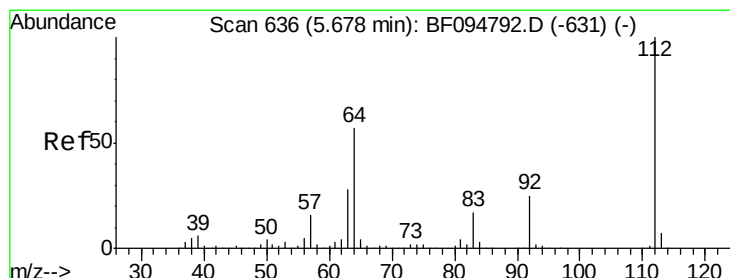
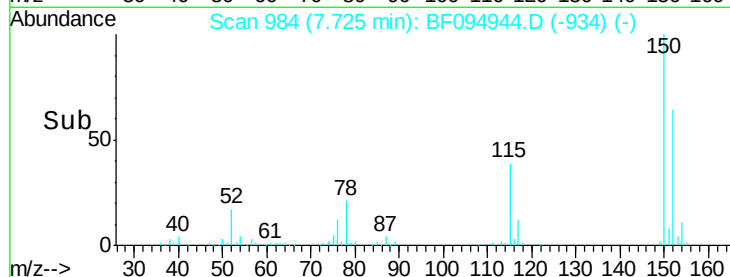
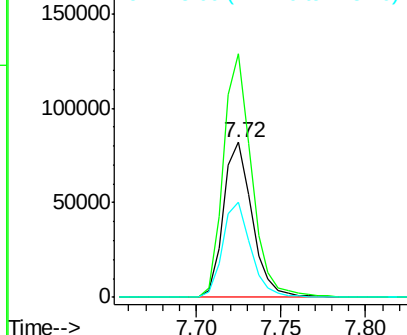
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094944.D
Acq: 6 May 2017 5:52

Instrument :
BNA_F
ClientSampleId :
PB98586BL

Tgt Ion:152 Resp: 97514
Ion Ratio Lower Upper
152 100
150 157.0 126.2 189.2
115 61.7 52.2 78.2



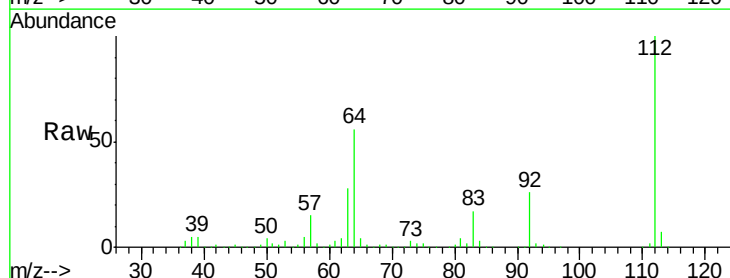
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



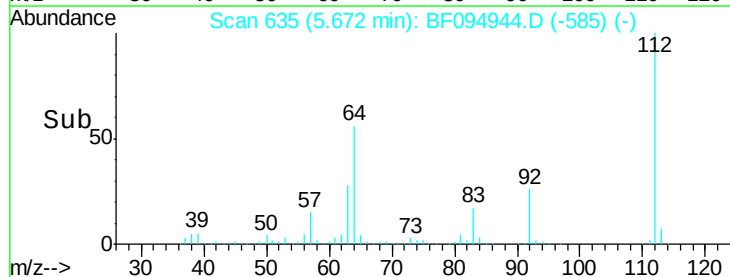
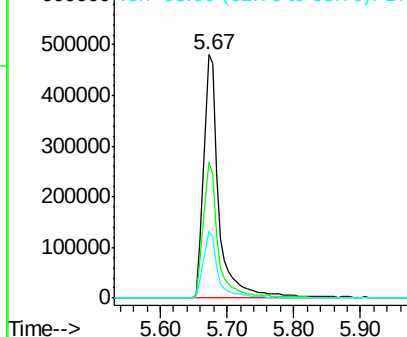
#5

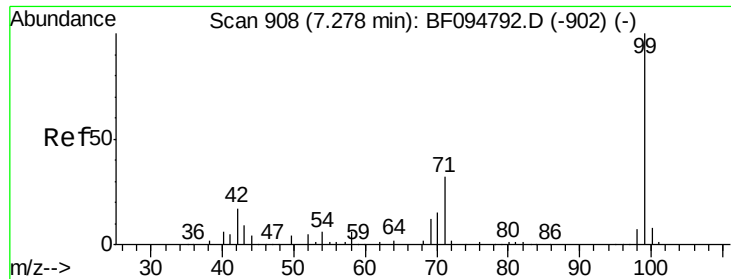
2-Fluorophenol
Concen: 130.65 ng
RT: 5.67 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF094944.D
Acq: 6 May 2017 5:52

Tgt Ion:112 Resp: 764152
Ion Ratio Lower Upper
112 100
64 56.1 46.0 69.0
63 27.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.09 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094944.D

Acq: 6 May 2017 5:52

Instrument :

BNA_F

ClientSampleId :

PB98586BL

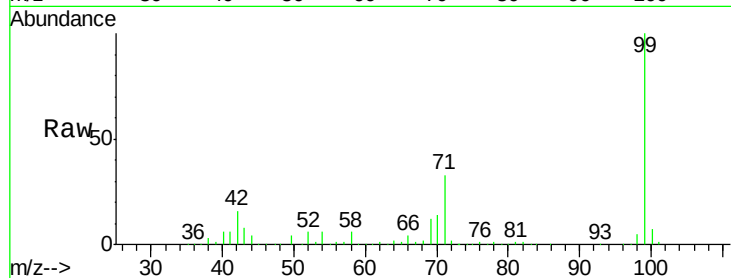
Tgt Ion: 99 Resp: 962042

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

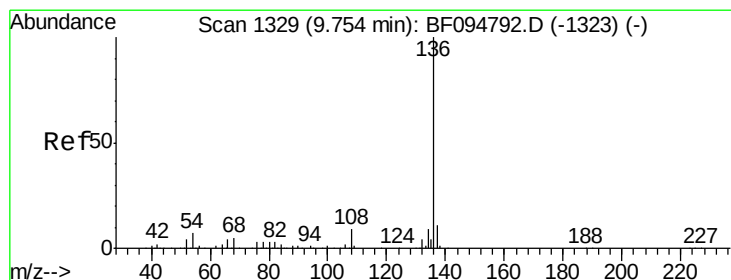
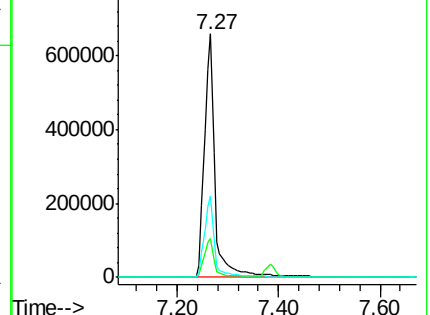
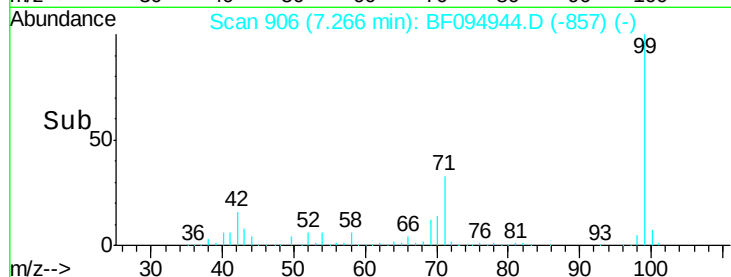
71 33.4 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094944.D

Acq: 6 May 2017 5:52

Tgt Ion: 136 Resp: 403025

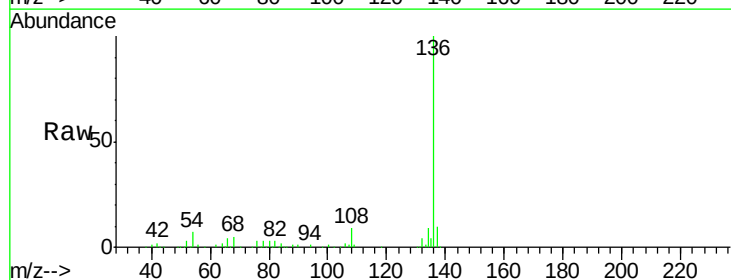
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.7 4.9 7.3

68 5.2 4.1 6.1

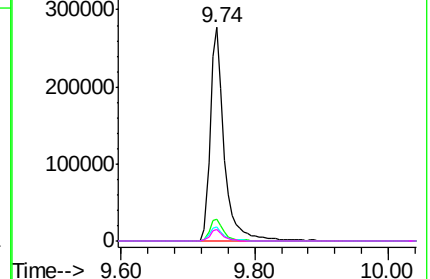
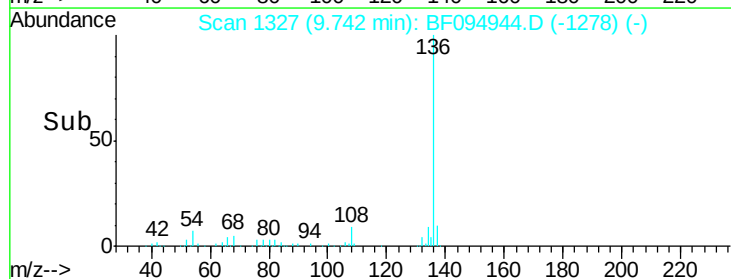


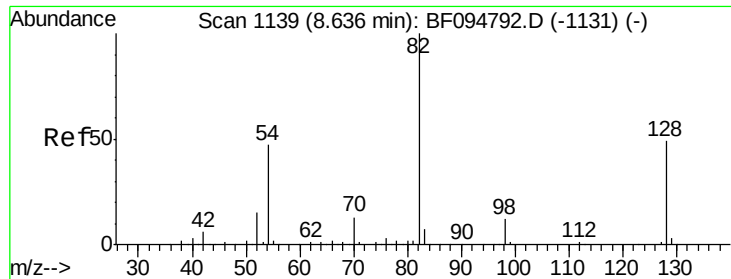
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

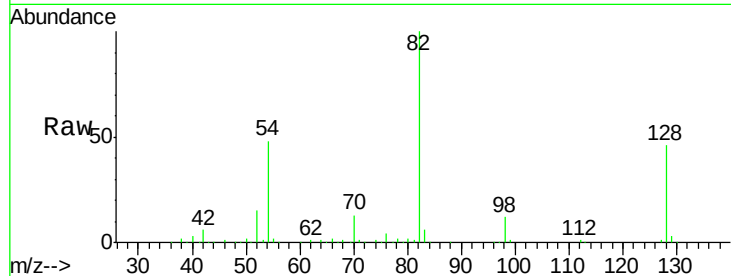




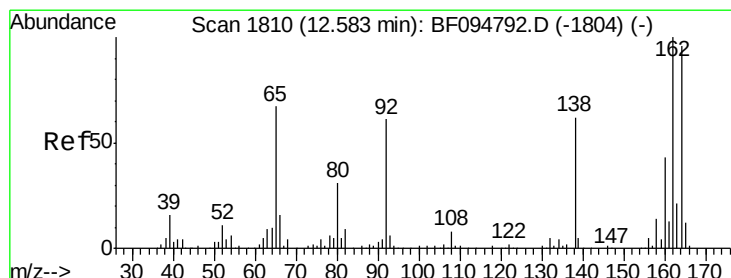
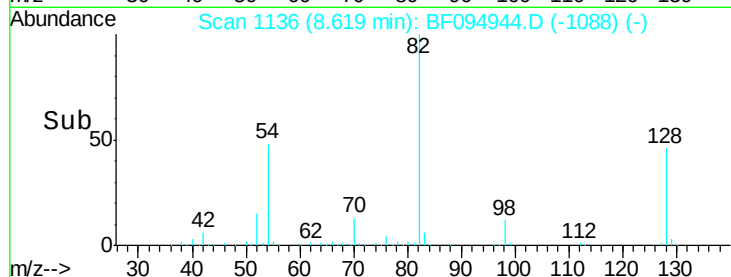
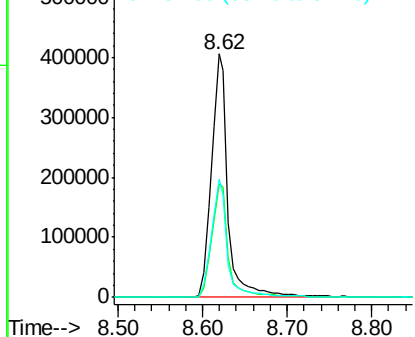
#23
 Nitrobenzene-d5
 Concen: 88.74 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094944.D
 Acq: 6 May 2017 5:52

Instrument :
 BNA_F
 ClientSampled :
 PB98586BL

Tgt Ion: 82 Resp: 567134
 Ion Ratio Lower Upper
 82 100
 128 46.3 34.0 51.0
 54 48.5 42.2 63.2

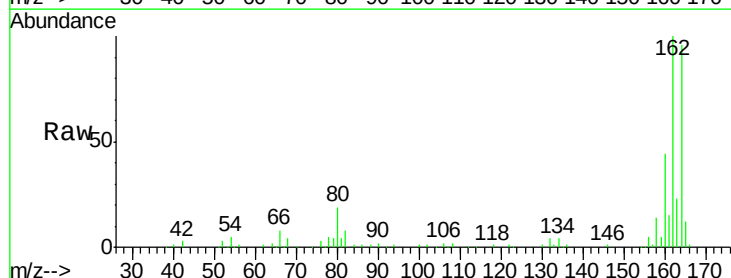


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

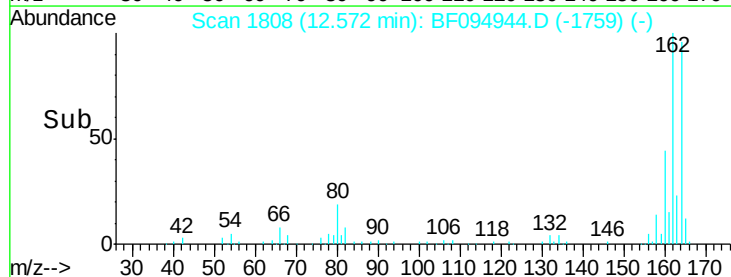
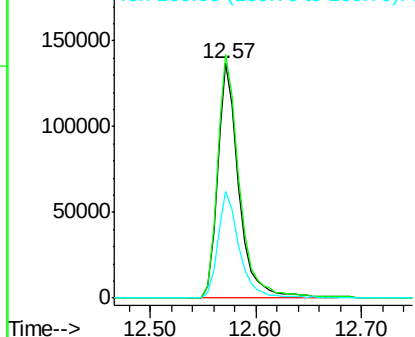


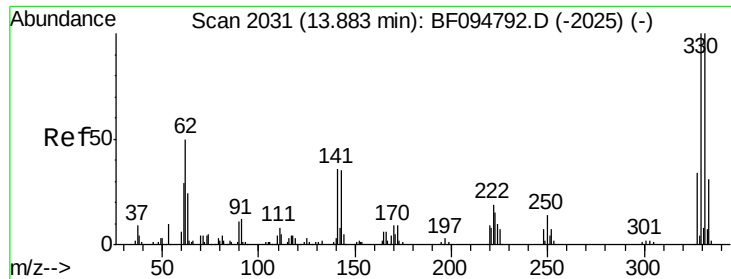
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094944.D
 Acq: 6 May 2017 5:52

Tgt Ion: 164 Resp: 193324
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 45.4 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

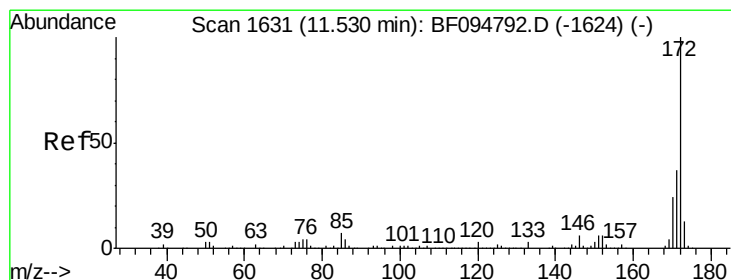
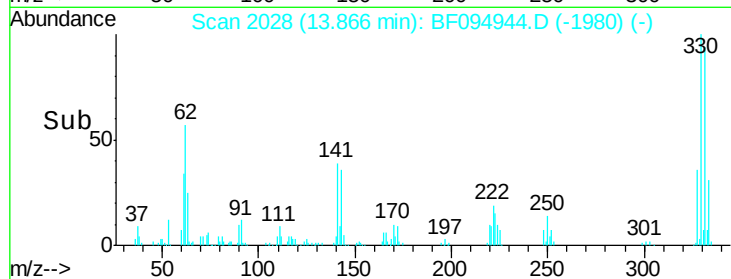
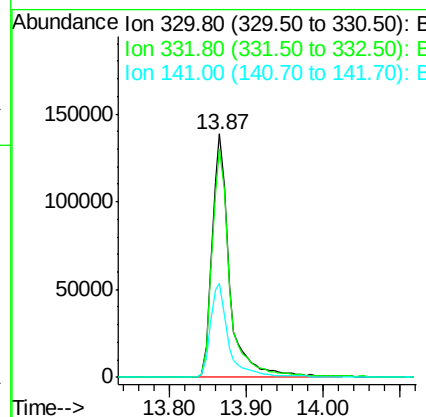
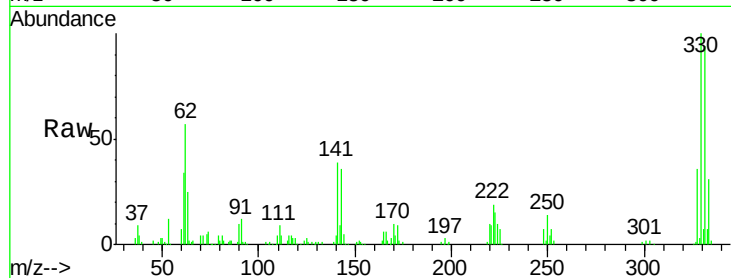




#41
 2,4,6-Tribromophenol
 Concen: 137.11 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094944.D
 Acq: 6 May 2017 5:52

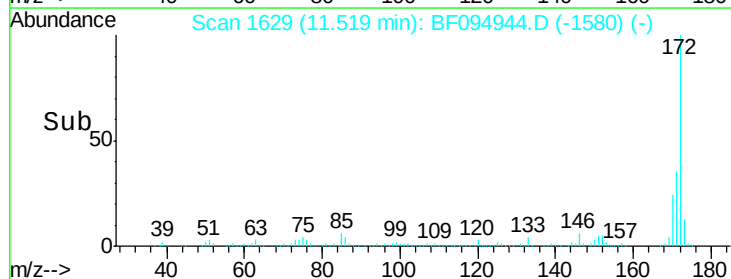
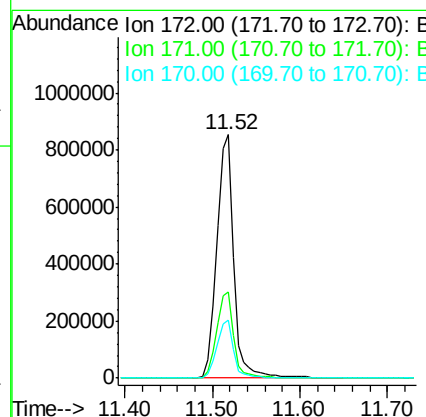
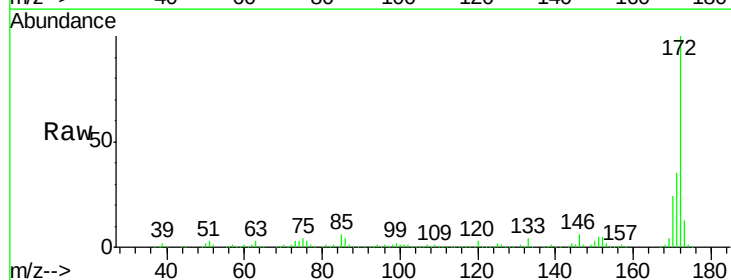
Instrument :
 BNA_F
 ClientSampleId :
 PB98586BL

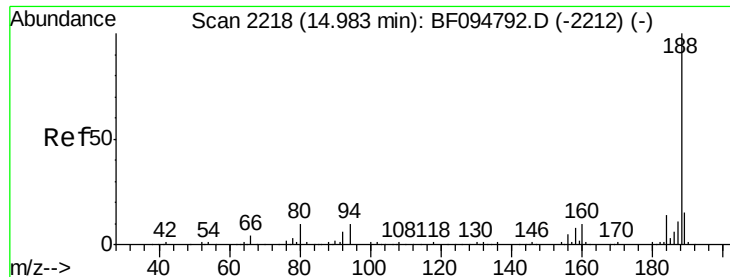
Tgt Ion:330 Resp: 217081
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.6 115.0
 141 39.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 86.03 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094944.D
 Acq: 6 May 2017 5:52

Tgt Ion:172 Resp: 1155499
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.9 19.8 29.8

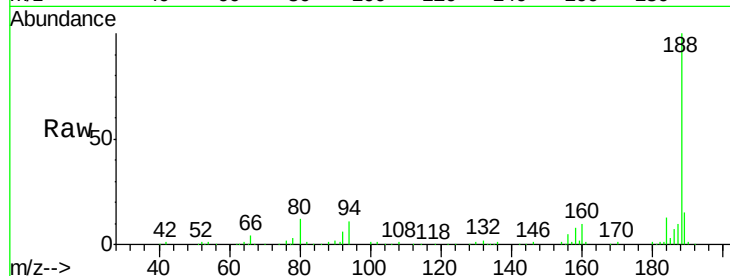




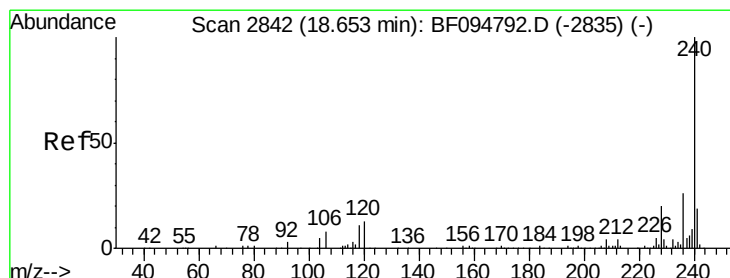
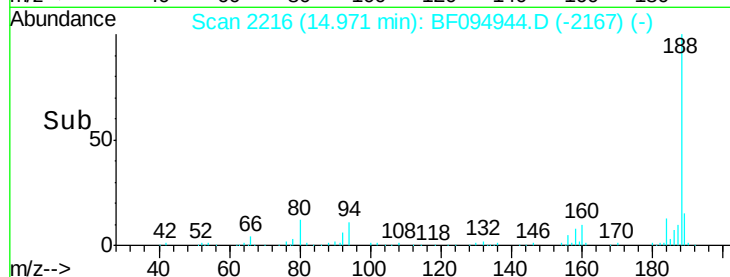
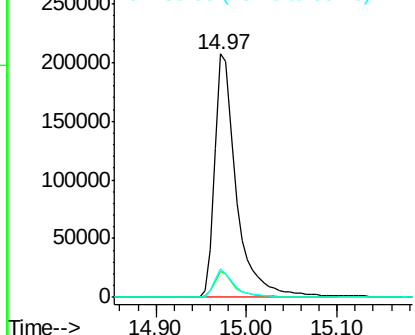
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094944.D
Acq: 6 May 2017 5:52

Instrument :
BNA_F
ClientSampled :
PB98586BL

Tgt Ion:188 Resp: 347017
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 11.8 10.2 15.2

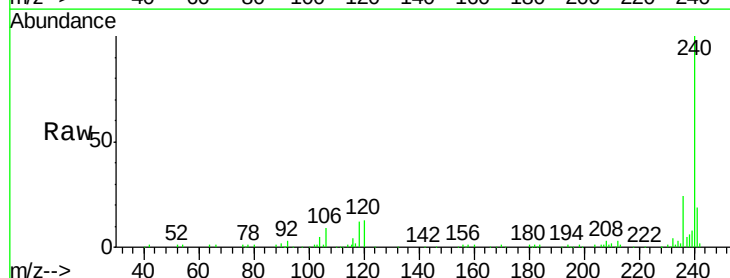


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

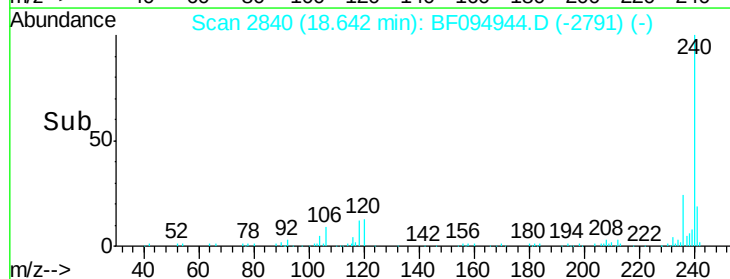
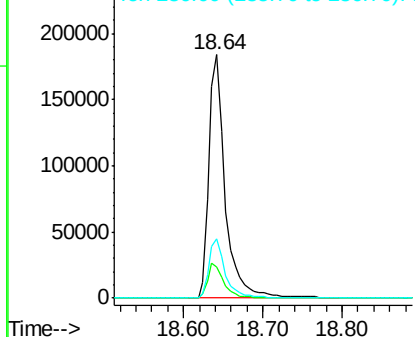


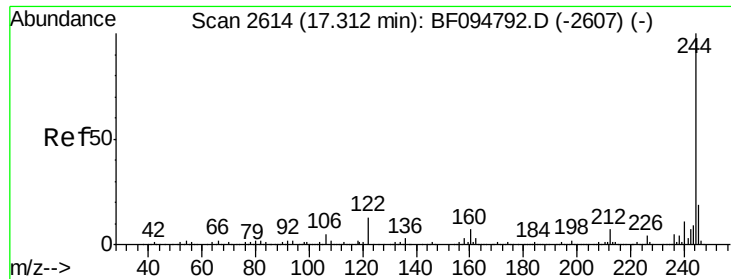
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094944.D
Acq: 6 May 2017 5:52

Tgt Ion:240 Resp: 263439
Ion Ratio Lower Upper
240 100
120 12.9 5.8 8.8#
236 24.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

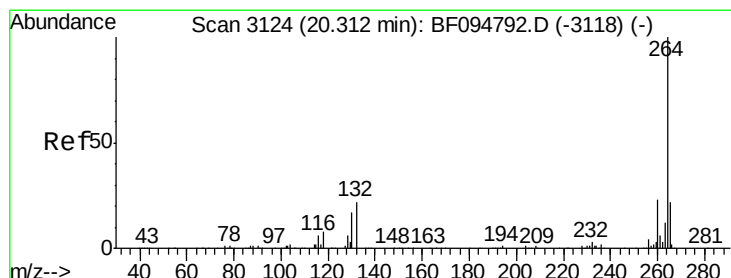
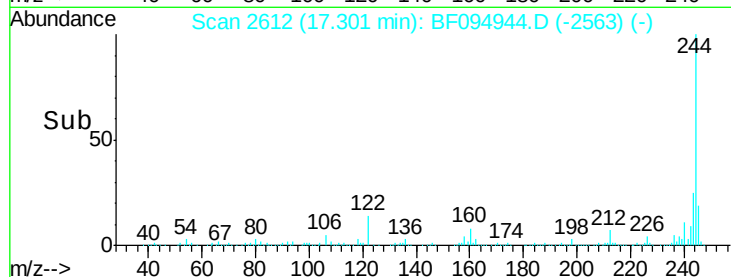
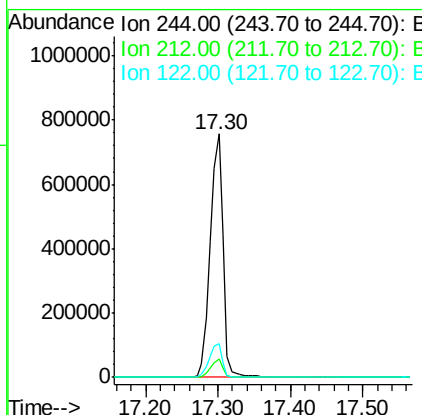
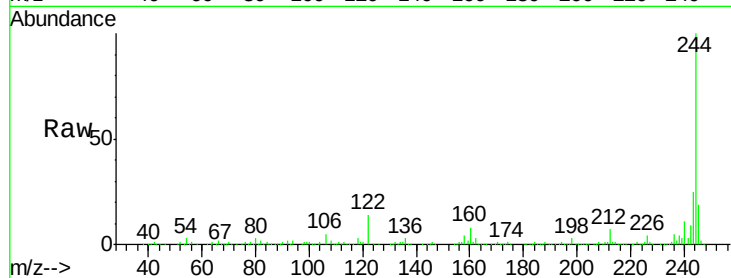




#78
 Terphenyl-d14
 Concen: 78.12 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094944.D
 Acq: 6 May 2017 5:52

Instrument :
 BNA_F
 ClientSampleId :
 PB98586BL

Tgt Ion: 244 Resp: 934301
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.7 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094944.D
 Acq: 6 May 2017 5:52

Tgt Ion: 264 Resp: 187399
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.5 17.2 25.8

